

## A gas carburising process and an apparatus therefor

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**Inventor:** KAWAMURA TOSHIYUKI (JP); GOI HITOSHI (JP);  
MURAYAMA ATSUSHI (JP); KAMISUGI HIROFUMI (JP)

**Applicant:** DOWA MINING CO (JP)

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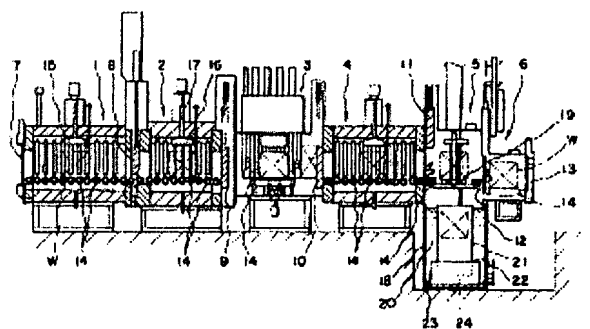
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### Abstract of EP0723034

A material to be treated (W) is preheated to a carburising temperature of 750-950 DEG C and is heat-treated in a carburising atmosphere directly supplied with hydrocarbon and oxidizing gases, in which it is heated to 1000-1100 DEG C. Then, the material being treated (W) is forcibly cooled to a temperature below 600 DEG C, the material (W) is reheated to 750-850 DEG C, and then it is hardened by quenching in oil (20), preferably using a laminar flow quenching technique.

FIG. 1



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